The Boeing Company
P.O. Box 3707
Seattle, WA 98124-2207

October 21, 2004
9704-PFS-066

DOCUMENT CONTROL DESK
UNITED STATES NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

BOEING

Reference: a) Boeing Letter G-1151-RSO-92-365 dated August 31, 1992; R.S. Orr to the NRC Operations Center

b) NRC Letter Docket No. 99901227 dated August 12, 1992; L. J. Norrholm to R. S. Orr; Subject: Response to 10 CFR 21 Inquiry

Dear Sir or Madam:

In accordance with the Reference correspondence and 10 CFR 21, Boeing is sending the NRC the attached error notices received from our former software suppliers. Because of unknown current addresses, the following former customers were not notified:

Reactor Controls, Inc
Echo Energy Consultants
Nuclear Applications and Systems Analysis Company (Japan)
Nuclear Power Services
GPU Nuclear Corporation
Tenera, Inc.
Stone & Webster Engineering
Raytheor Engineers & Constructors

Error notices have been sent to our other former customers.

Please note that Mark Snyder has taken another position and the undersigned has assumed the role of Nuclear Administrator for Boeing.

Very truly yours,

Pat Soroe

Pat Soroe
Nuclear Administrator
Mail Code 7A-XT

Enclosures: GT STRUDL Program Report Forms 2004.12 through 2004.13

IE20

GTSTRUDL QA Customer Acknowledgment Form

In order to comply with the GTSTRUDL Quality Assurance Program and Procedures for safety related applications, we ask that you complete, sign and return this form in the enclosed, stamped envelope within 10 days of this date, Septmeber 24, 2004, acknowledging that you have received the following materials:

__X__ CASE Center Program Report Forms GPRF No. 2004.12

_____ GTSTRUDL Version _____

_____ Installation and Operation Guide for Version _____

_____ Quality Assurance Program and Procedures Manual
Revision _____ Document Control Number _____

_____ Release Guide, Version _____

_____ User's Manual Update
Volume _____ Revision _____

_____ Verification input and output for Version _____

_____ Verification Letter for Version _____

_____ Verification Manual for Version _____

_____ _____

Reply to:

Configuration Control Manager
CASE Center
Georgia Institute of Technology
Atlanta, Georgia 30332-0355

(Please sign) Pat Soroe
Receipt Acknowledgment, (Signature)

PAT SOROE
Typed Name

CONTRACT ADMINISTRATOR
(Title)

BOEING SHARED SERVICES GROUP M/S 7A-XT
(Organization)

P.O. BOX 3707, SEATTLE, WA 98124
(Address)

10/21/04 patricia.j.soroe@boeing.com
(Date) (E-Mail Address)

GTSTRUDL Program Report Form

GPRF No.: 2004.12

DATE: 9/21/04

FROM: Computer-Aided Structural Engineering Center
Georgia Institute of Technology
Atlanta, Georgia 30332-0355

SEVERITY LEVEL:

_ URGENT	Problem results in incorrect answers which may not be apparent or job aborts and cannot be recovered within the session or job.
X SERIOUS	Problem results in incorrect answers which are obvious or problem prevents completion of a particular user's task.
_ MINOR	Problem can be worked around or problem poses high frustration factor.
_ INFORMATIVE	Documentation error, program usage tip, user inconveniences.

Date Problem Confirmed 9/21/04

Date Notification Sent 9/21/04

Computers All

Operating System All

Version All versions prior to Version 28.0 (versions released prior to 2004)

Kenneth Will
Signature
R & D Division

Director
Title

Kenneth M. Will
Typed or Printed Name

9/21/04
Date of Signature

David C Ik
Signature
Professional Services Division

Configuration Control Manager
Title

David C. Ikey
Typed or Printed Name

9/21/04
Date of Signature

Rev 2.5

GTSTRUDL Program Report Form
(Continued)

GPRF No.: 2004.12

DATE: 9/21/04

DESCRIPTION:

The Variable Member Properties and Variable Member Dimension commands will not function correctly if a Group (GRP) is used to specify the list of members with variable properties or dimensions in tabular format. An example which demonstrates this problem is shown below:

```
MEMBER PROPERTIES VARIABLE
 GRP 'BEAM1'
 SEG 1 AND 3 AX 2.5 IZ 5. L 1.25
 SEG 2 AX 2. IZ 3.
 GRP 'BEAM2
CI-w-cmdnfnd, ERROR: Command 'GRP' is not recognized.
 SEG 1 AX 2.5 IZ 5. L 2.5
 SEG 2 AX 2.0 IZ 3.
```

In the above example, the second Group (GRP) command was not recognized as noted by the ERROR message.

Workaround:

Use the Group command in the header for the Variable Property or Variable Dimension command as illustrated below:

```
Member Group 'grp1' Properties Variable
Seg 1 AX 1. IZ 5.
Seg 2 AX 1. IZ 5. L 0.5
Member Group 'grp2' Properties Variable
Seg 1 AX 2. Iz 10. L 0.5
Seg 2 AX 3 IZ 5.
```

Applicable Sections of the Documentation:

Member Properties command with variable specs : Section 2.1.9.2.3 of Volume 1 of the GTSTRUDL Reference Manuals

Member Dimension command with variable specs: Section 2.5.2 of Volume 4 of the GTSTRUDL Reference Manuals

Group used in Lists: 2.1.2.2 of Volume 1 of the GTSTRUDL Reference Manuals

GTSTRUDL QA Customer Acknowledgment Form

In order to comply with the GTSTRUDL Quality Assurance Program and Procedures for safety related applications, we ask that you complete, sign and return this form in the enclosed, stamped envelope within 10 days of this date, Septmeber 30, 2004, acknowledging that you have received the following materials:

__X__ CASE Center Program Report Forms GPRF No. 2004.13

_____ GTSTRUDL Version _____

_____ Installation and Operation Guide for Version _____

_____ Quality Assurance Program and Procedures Manual
Revision _____ Document Control Number _____

_____ Release Guide, Version _____

_____ User's Manual Update
Volume _____ Revision _____

_____ Verification input and output for Version _____

_____ Verification Letter for Version _____

_____ Verification Manual for Version _____

_____ _____

Reply to:

Configuration Control Manager
CASE Center
Georgia Institute of Technology
Atlanta, Georgia 30332-0355

(Please sign) Pat Soroe

Receipt Acknowledgment, (Signature)

PAT SOROE

Typed Name

CONTRACT ADMINISTRATOR

(Title)

BOEING SHARED SERVICES GROUP M/S 7A-XT

(Organization)

P.O. Box 3707, SEATTLE, WA 98124

(Address)

10/21/04

(Date)

patricia.f.soroe@boeing.com

(E-Mail Address)

GTSTRUDL Program Report Form

GPRF No.: 2004.13

DATE: 9/28/04

FROM: Computer-Aided Structural Engineering Center
Georgia Institute of Technology
Atlanta, Georgia 30332-0355

SEVERITY LEVEL:

X URGENT	Problem results in incorrect answers which may not be apparent or job aborts and cannot be recovered within the session or job.
_ SERIOUS	Problem results in incorrect answers which are obvious or problem prevents completion of a particular user's task.
_ MINOR	Problem can be worked around or problem poses high frustration factor.
_ INFORMATIVE	Documentation error, program usage tip, user inconveniences.

Date Problem Confirmed September 22, 2004

Date Notification Sent 9/28/04

Computers All

Operating System All

Version All

Target Release for Correction Version 28.0

Michael H. Swanger (hand)
Signature
R & D Division

Sr. RE
Title

Michael H. Swanger
Typed or Printed Name

9/22/04
Date of Signature

David C Ivey
Signature
Professional Services Division

Configuration Control Manager
Title

David C. Ivey
Typed or Printed Name

9/28/04
Date of Signature

GTSTRUDL Program Report Form
(Continued)

GPRF No.: 2004.13

DATE: 9/27/04

DESCRIPTION:

The LIST FATIGUE TRANSFER FUNCTIONS command, given without any of the directions, members, and position data options, following one or more COMPUTE FATIGUE commands, will abort. The work-around is to give the LIST FATIGUE TRANSFER FUNCTIONS command with at least appropriate position data.

Example of the LIST FATIGUE TRANSFER FUNCTIONS command that will cause the abort:

```
LIST FATIGUE TRANSFER FUNCTIONS
```

Example of the LIST FATIGUE TRANSFER FUNCTIONS command with position data:

```
LIST FATIGUE TRANSFER FUNCTIONS POSITION 1
```

GTSTRUDL Reference Manual Sections

COMPUTE FATIGUE Commands	Sections 5.5.3 and 5.6, Volume 8
LIST FATIGUE Command	Section 5.7.2, Volume 8